RPA386Ra01 10µg

Recombinant Lipoprotein lipase (LPL)

Organism Species: *Rattus norvegicus (Rat)*

Instruction manual

FOR RESEARCH USE ONLY

NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

12th Edition (Revised in Aug, 2016)

[PROPERTIES]

Source: Prokaryotic expression

Host: *E.coli*

Residues: Ala28~Gly474

Tags: N-terminal His Tag

Subcellular Location: Membrane, Secreted

Purity: > 90%

Traits: Freeze-dried powder

Buffer formulation: 100mMNaHCO$_3$, 500mMNaCl, pH8.3, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.

Original Concentration: 200μg/mL

Applications: Positive Control; Immunogen; SDS-PAGE; WB.

(May be suitable for use in other assays to be determined by the end user.)

Predicted isoelectric point: 8.2

Predicted Molecular Mass: 53.9kDa

Accurate Molecular Mass: 54kDa as determined by SDS-PAGE reducing conditions.

[USAGE]

Reconstitute in ddH$_2$O to a concentration of 0.1-1.0 mg/mL. Do not vortex.

[STORAGE AND STABILITY]

Storage: Avoid repeated freeze/thaw cycles.

Store at 2-8ºC for one month.

Aliquot and store at -80ºC for 12 months.

Stability Test: The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

[SEQUENCE]

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                        ADG  GRDFSDIESK  FALRTPEDTA
EDTCHLIPGL  ADSVSNCHFN  HSSKTFVVIH  GWTVTGMYES  WVPKLVAALY
KREPDSNVIV  VDWLYRAQQH  YPVSAGYTKL  VGNDVARFIN  WLEEEFNYPL
DNVHLLGYSL  GAHAAGVAGS  LTNKKVNRIT  GLDPAGPNFE  YAEAPSRLSP
DDADFVDVLH  TFTRGSPGRS  IGIQKPVGHV  DIYPNGGTFQ  PGCNIGEAIR
VIAEKGLGDV  DQLVKCSHER  SIHLFIDSLL  NEENPSKAYR  CNSKEAFEKG
LCLSCRKNRC  NNVGYEINKV  RAKRSSKMYL  KTRSQMPYKV  FHYQVKIHFS
GTENDKQNNQ  AFEISLYGTV  AESENIPFTL  PEVATNKTYS  FLIYTEVDIG
ELLMMKLKWK  NDSYFRWSDW  WSSPSFVIEK  IRVKAGETQK  KVIFCAREKV
SHLQKGKDAA  VFVKCHDKSL  KKSG
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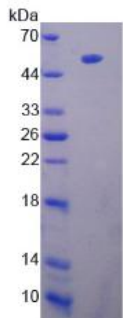## [IDENTIFICATION]
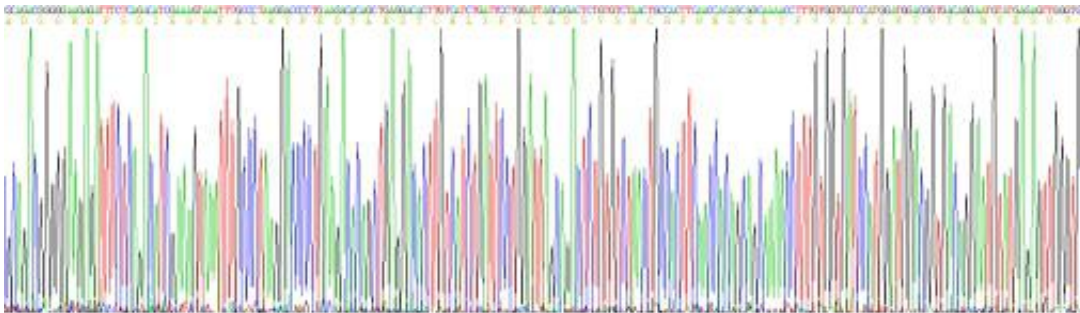
Figure . Gene Sequencing (extract)

Figure. SDS-PAGE

[IMPORTANT NOTE]

The kit is designed for research use only, we will not be responsible for any issue if the kit was used in clinical diagnostic or any other procedures.